Electronic Version
Stylesheet Version v1.1.1

METHOD AND APPARATUS FOR DETERMINING VEHICLE OPERATING CONDITIONS AND PROVIDING A WARNING OR INTERVENTION IN RESPONSE TO THE CONDITIONS

Abstract

A control system (12) for an automotive vehicle (10) includes a GPS system (16) that generates a vehicle position for a vehicle relative to a surface, a plurality of driver inputs (40), and a plurality of vehicle inputs (50). A controller (14) is coupled to the GPS system (16), the driver inputs (40) and the vehicle inputs (50). The controller determines a predicted path in response to the plurality of driver inputs and the vehicle inputs and a desired path in response to the GPS system (16). The controller performs a comparison of the predicted path and the desired path and generates a control signal in response to the comparison.